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Abstract

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An electrochemical battery cell having a negative electrode, an electrolyte containing a conductive salt, and a positive electrode, the electrolyte being based on  $\text{SO}_2$  and the intermediate chamber between the positive electrode and the negative electrode being implemented such that active mass deposited on the negative electrode during the charging of the cell may come into contact with the positive electrode in such manner that locally delimited short-circuit reactions occur on its surface.

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Figure 1